

FIG. 1
(Prior Art)

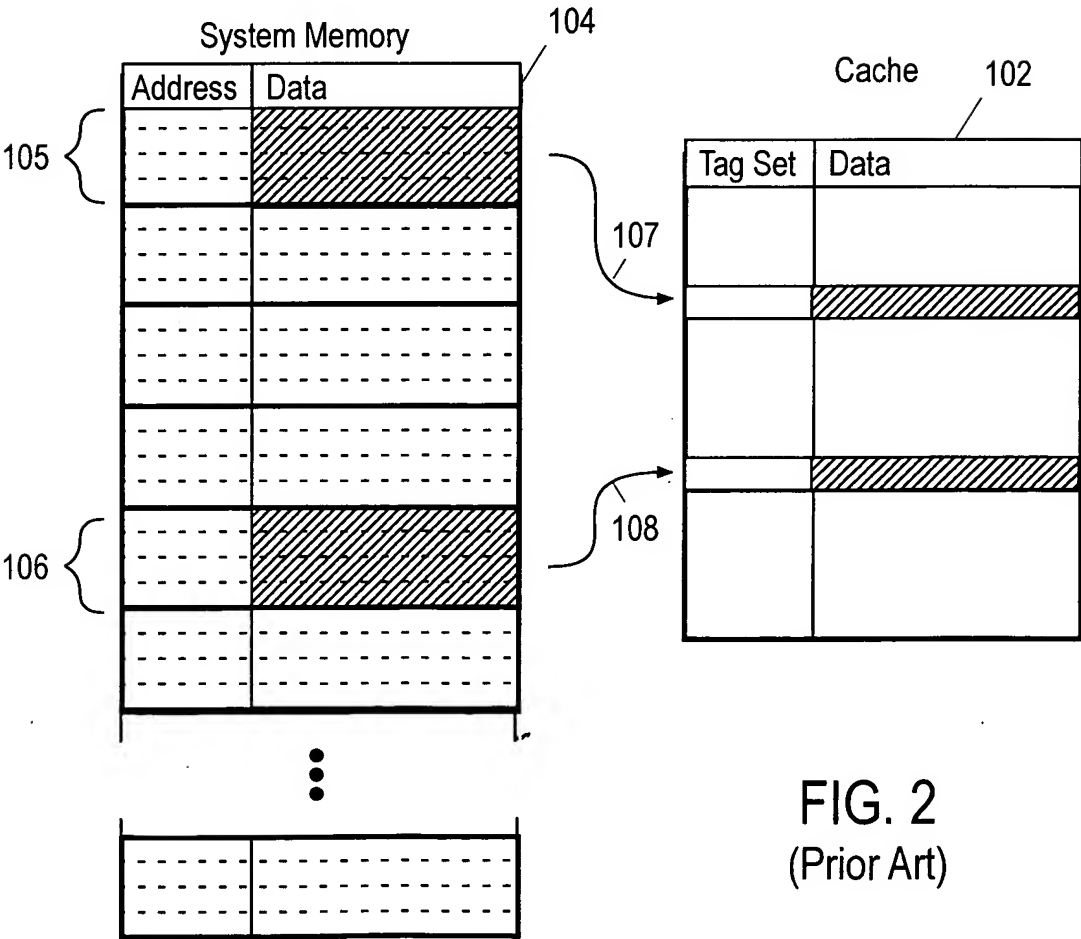


FIG. 2
(Prior Art)

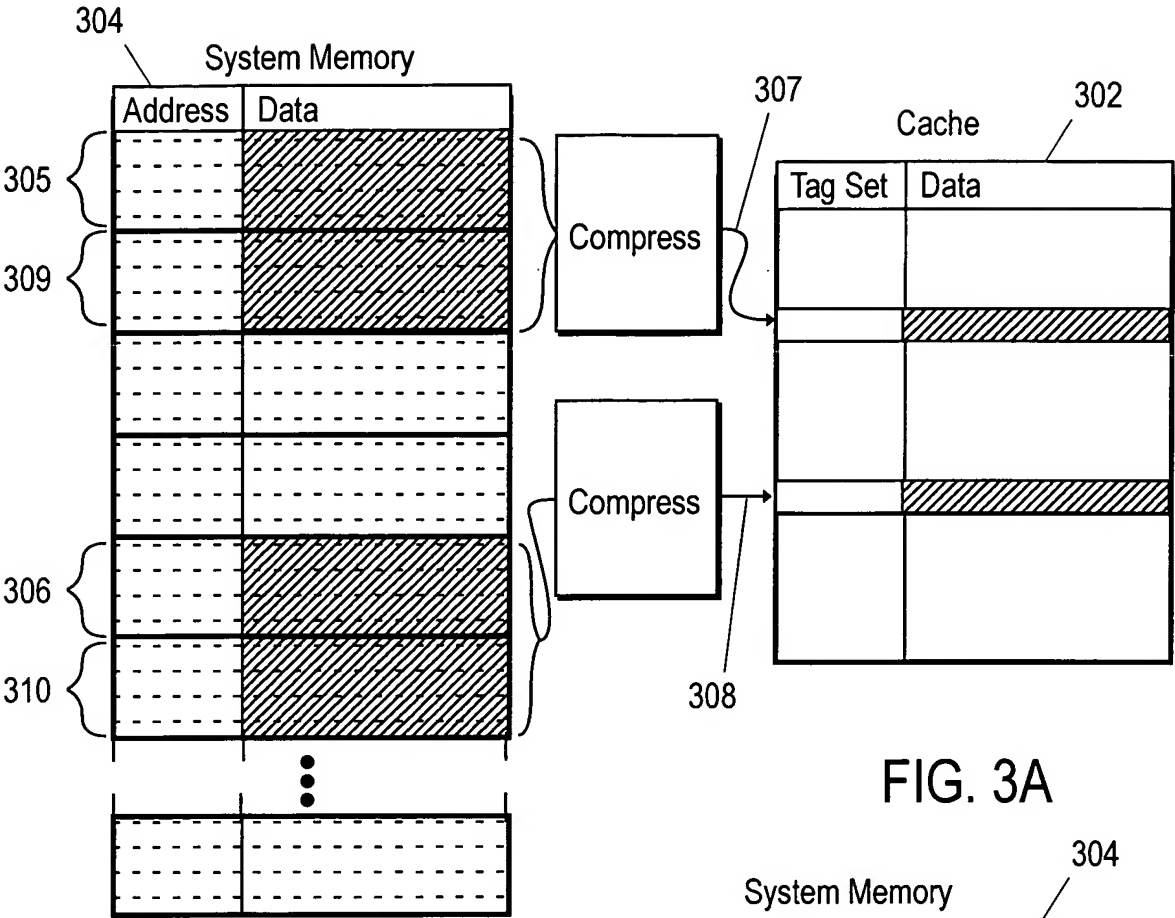


FIG. 3A

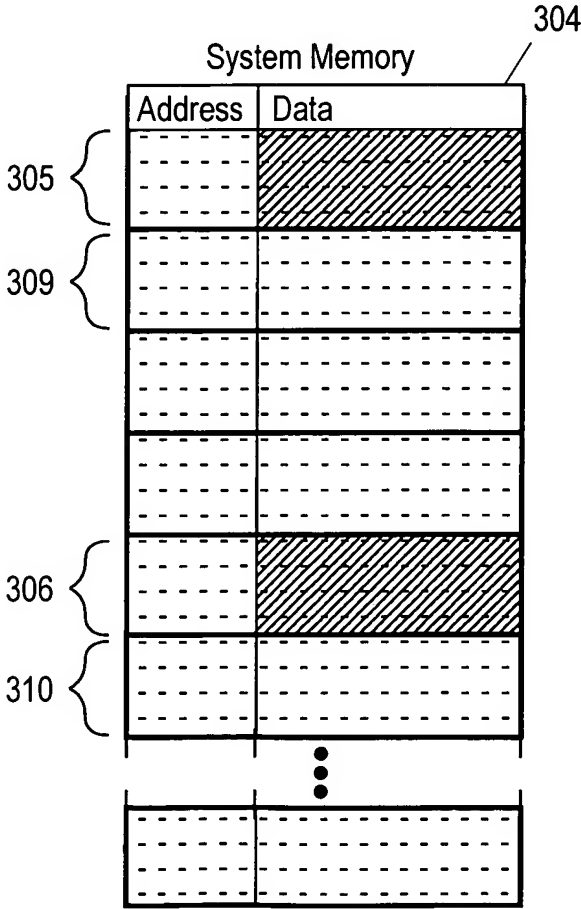


FIG. 3B

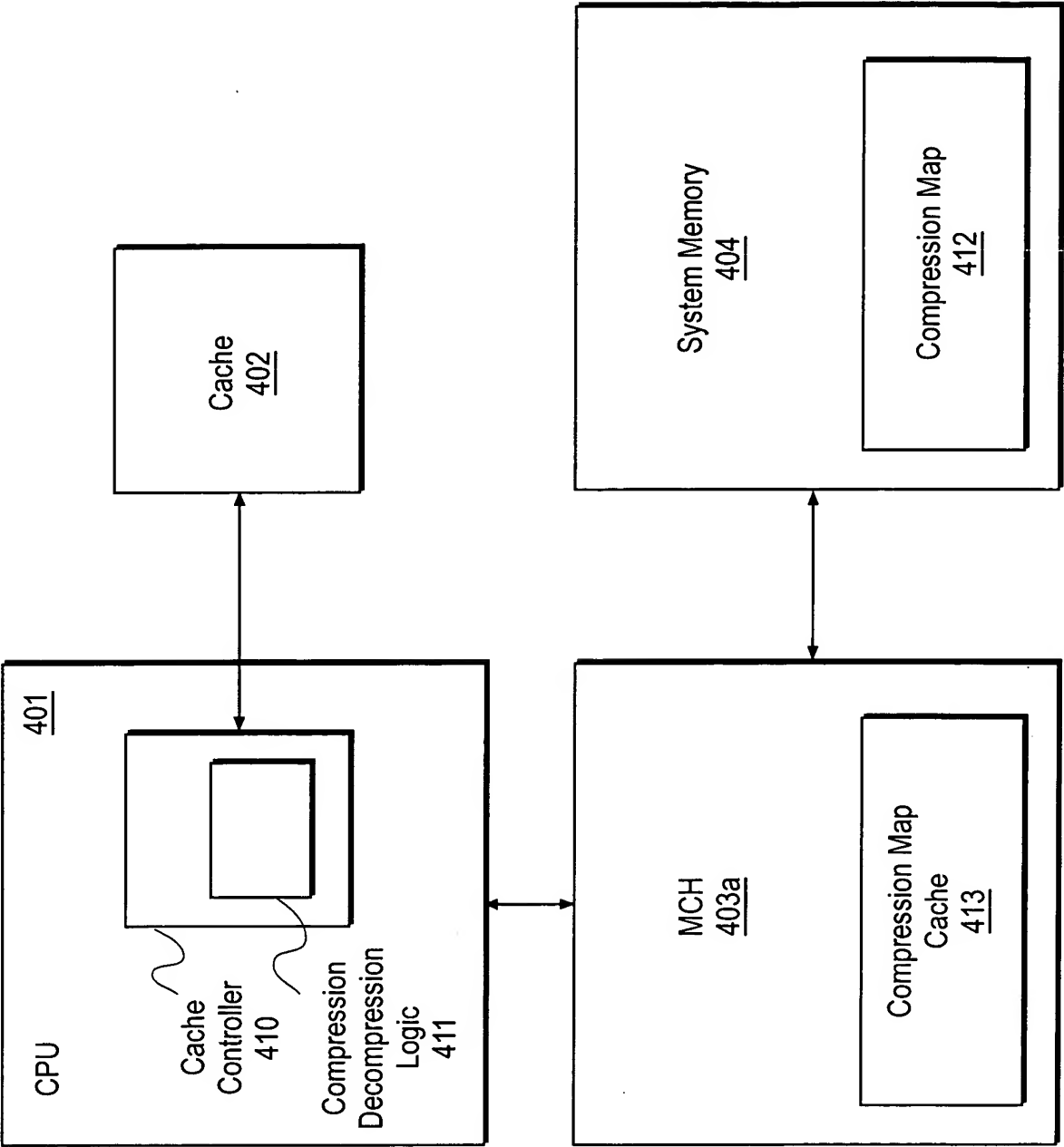
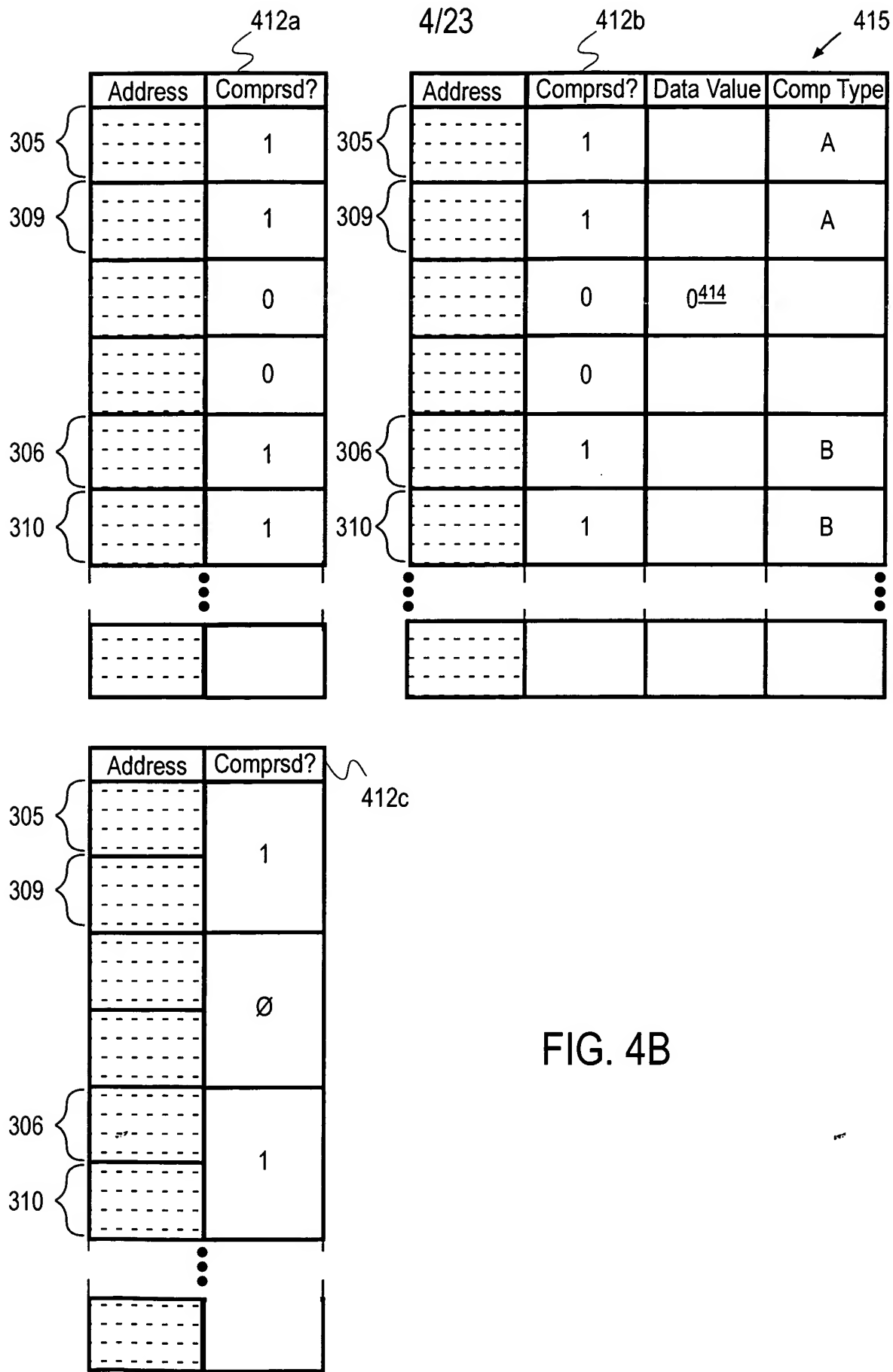


FIG. 4A



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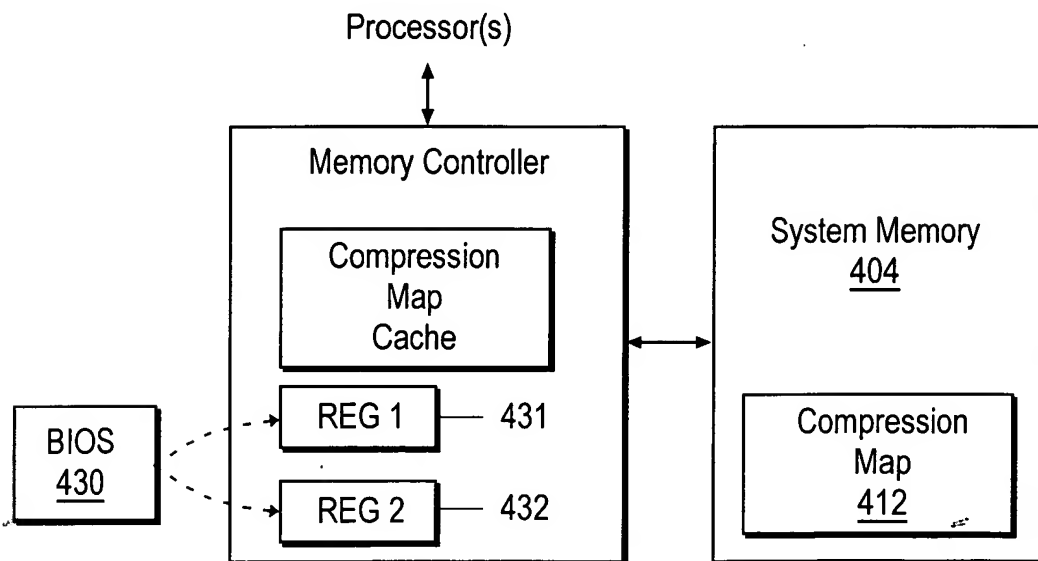
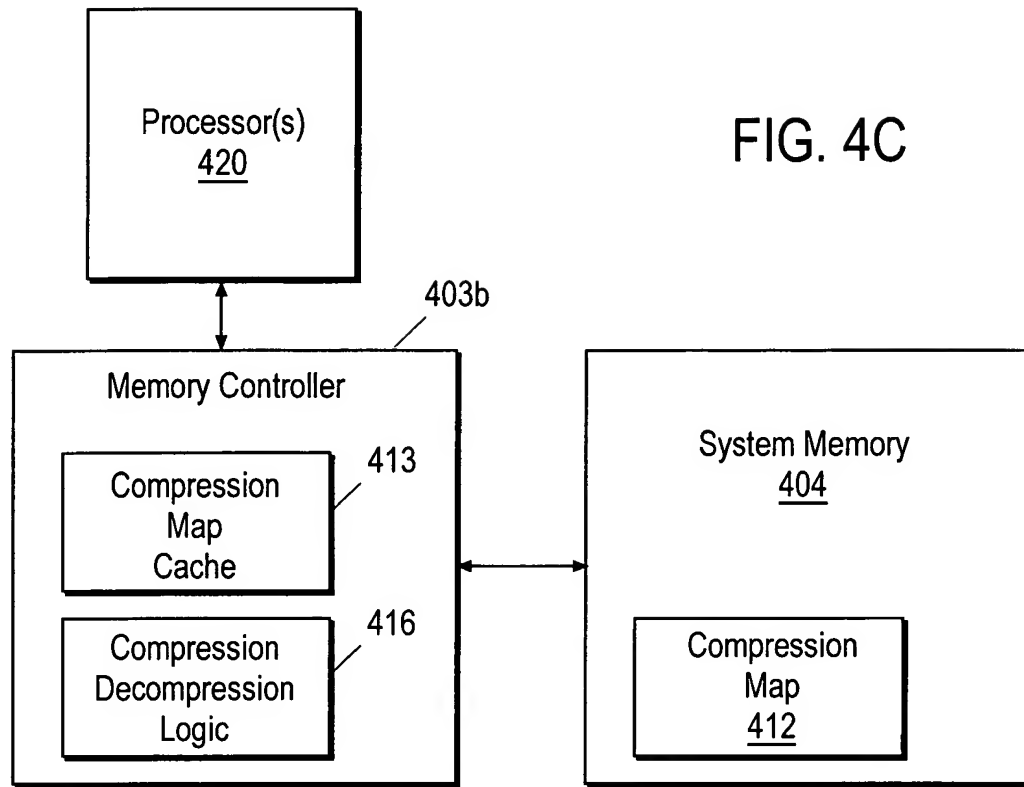


FIG. 4D

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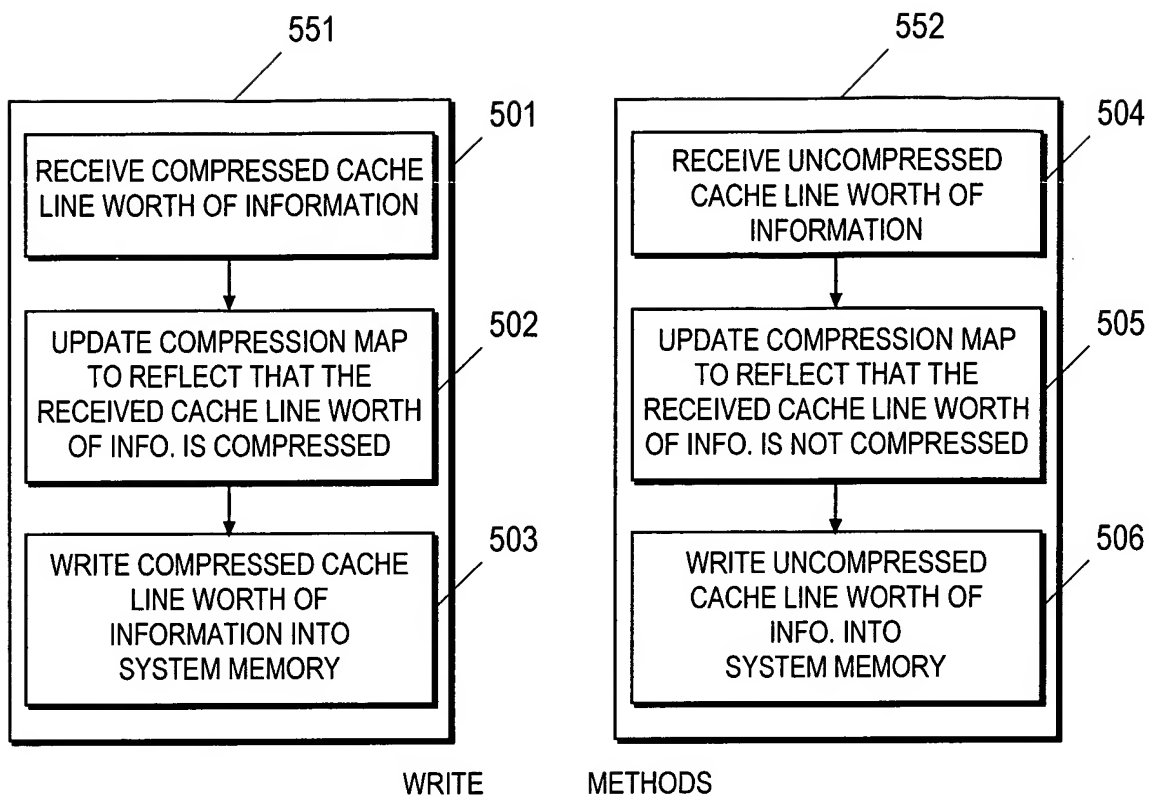


FIG. 5A

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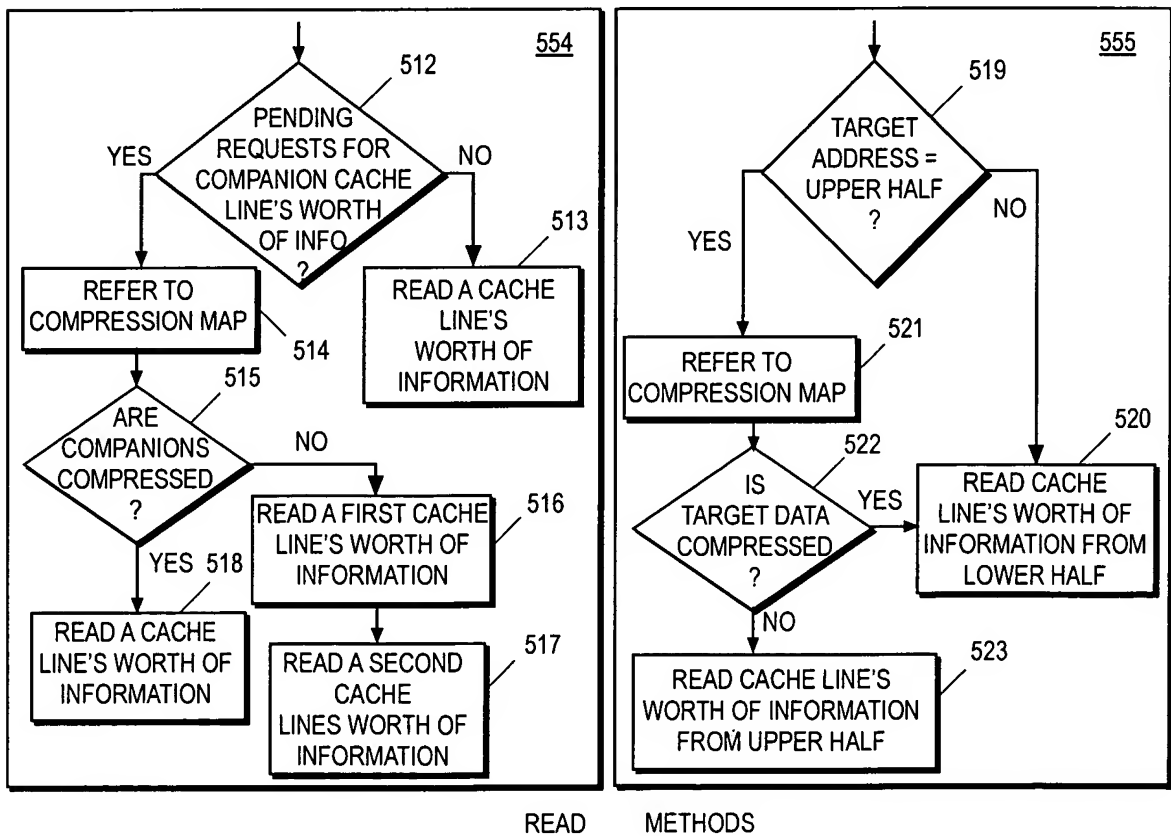
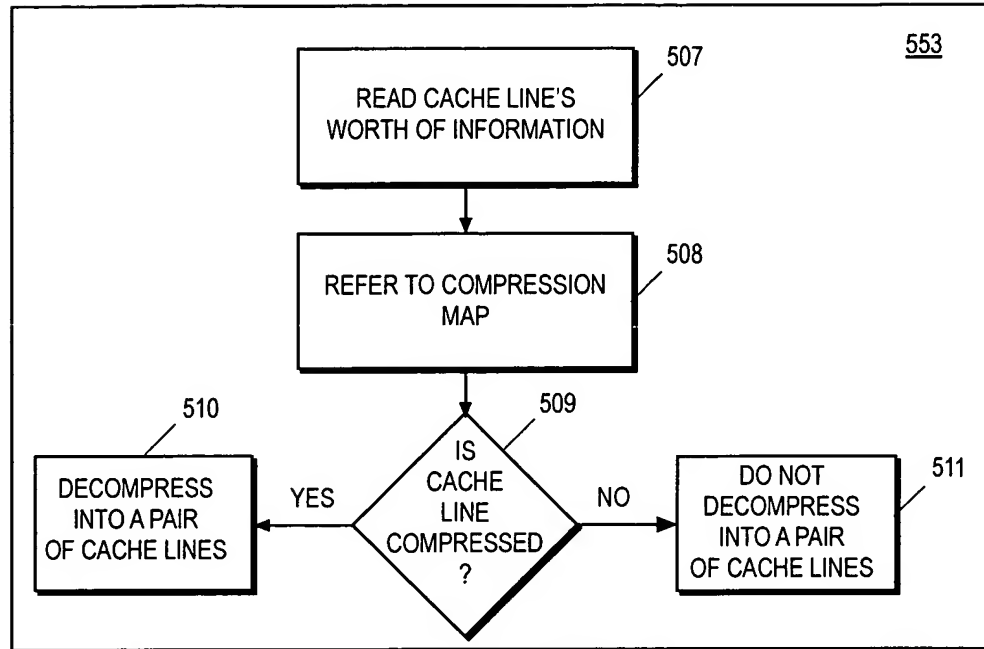


FIG. 5B

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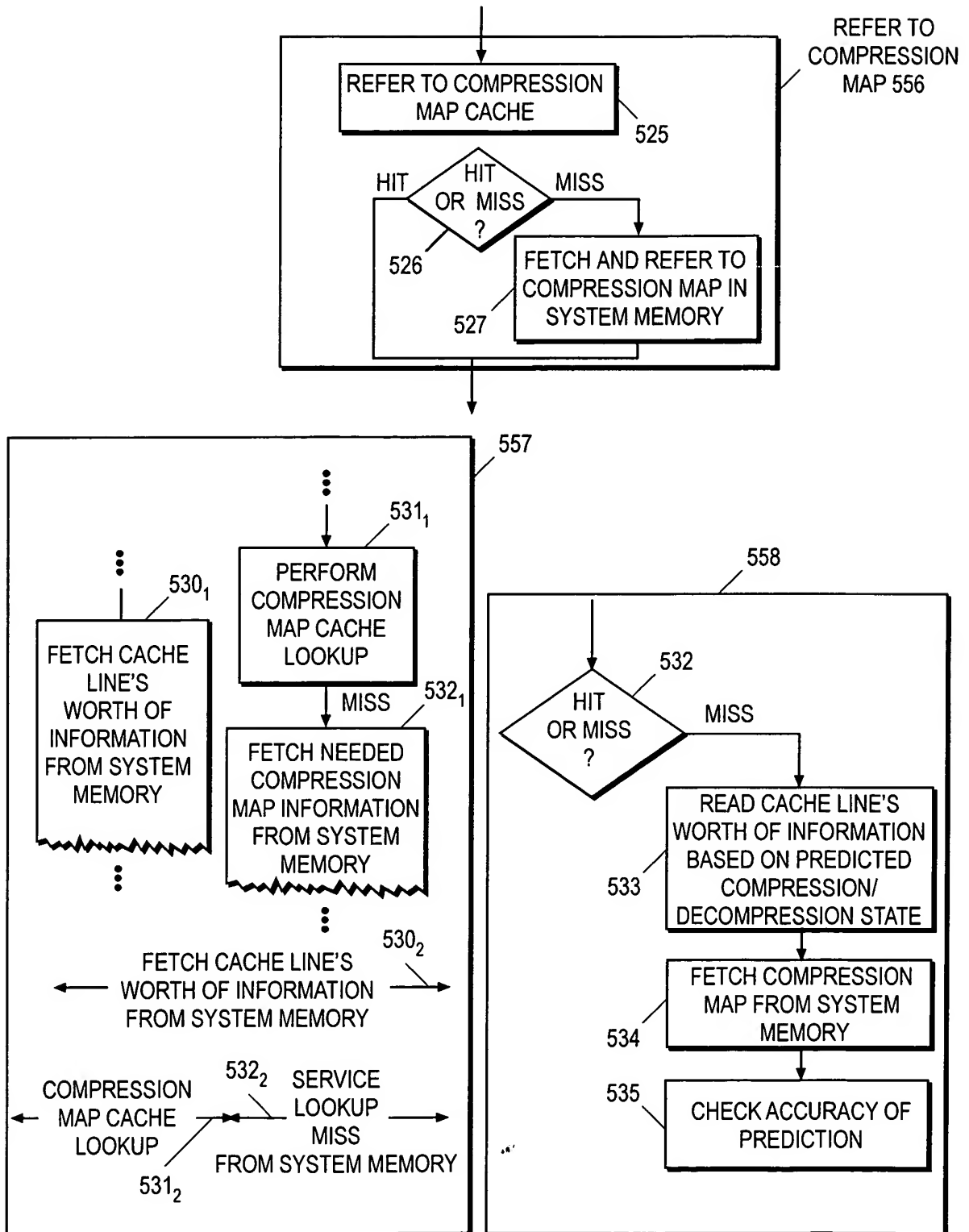


FIG. 5C

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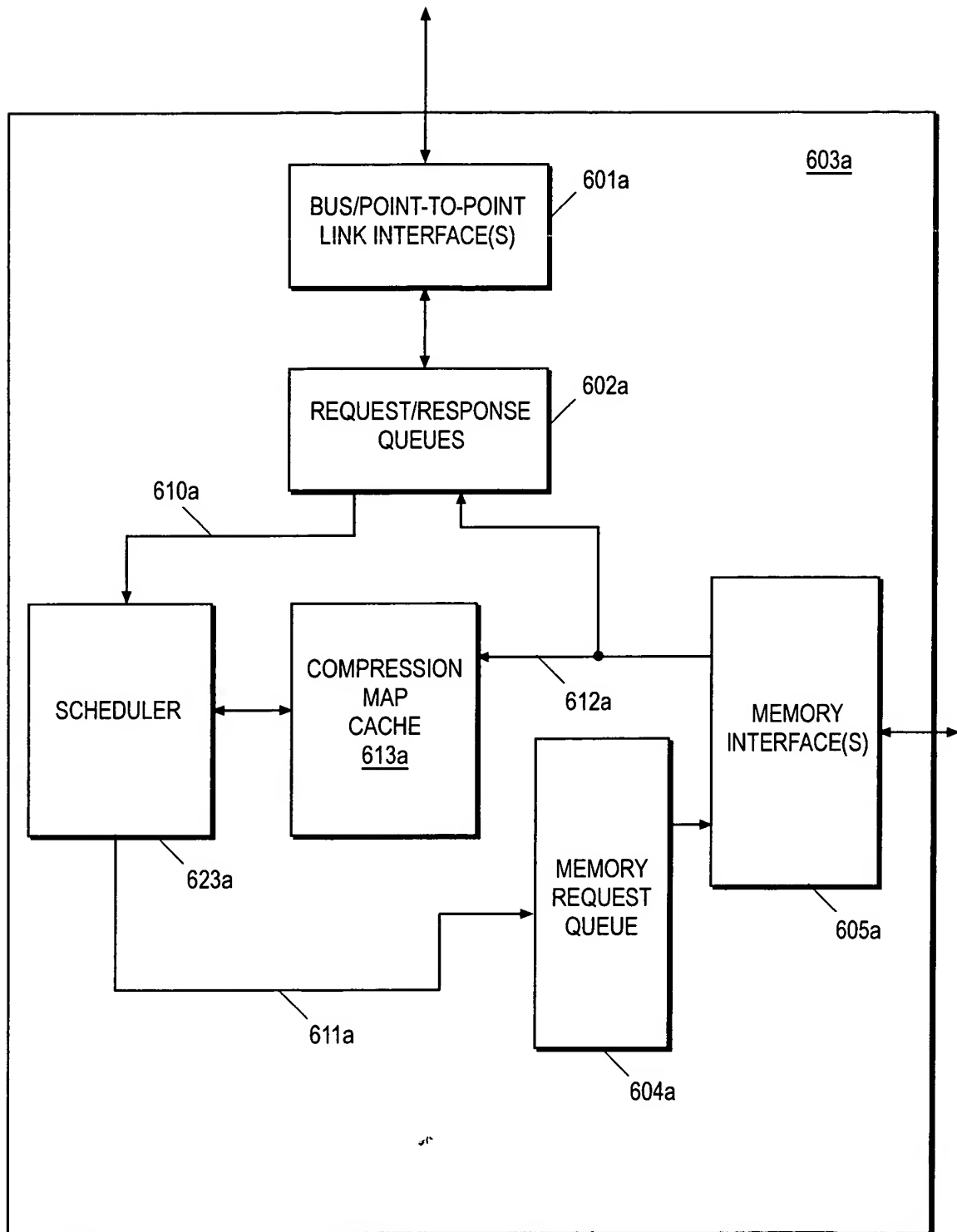


FIG. 6A

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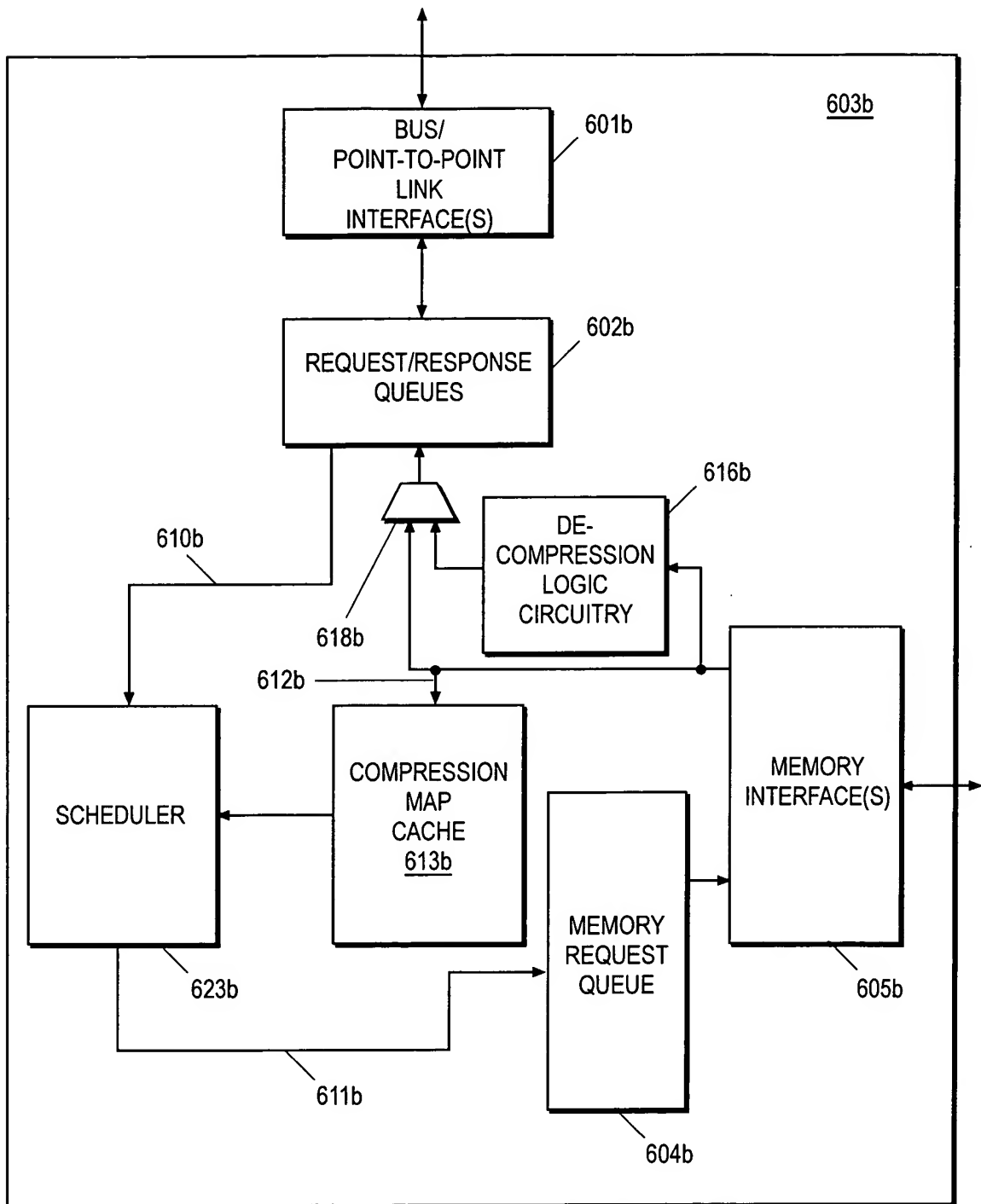


FIG. 6B

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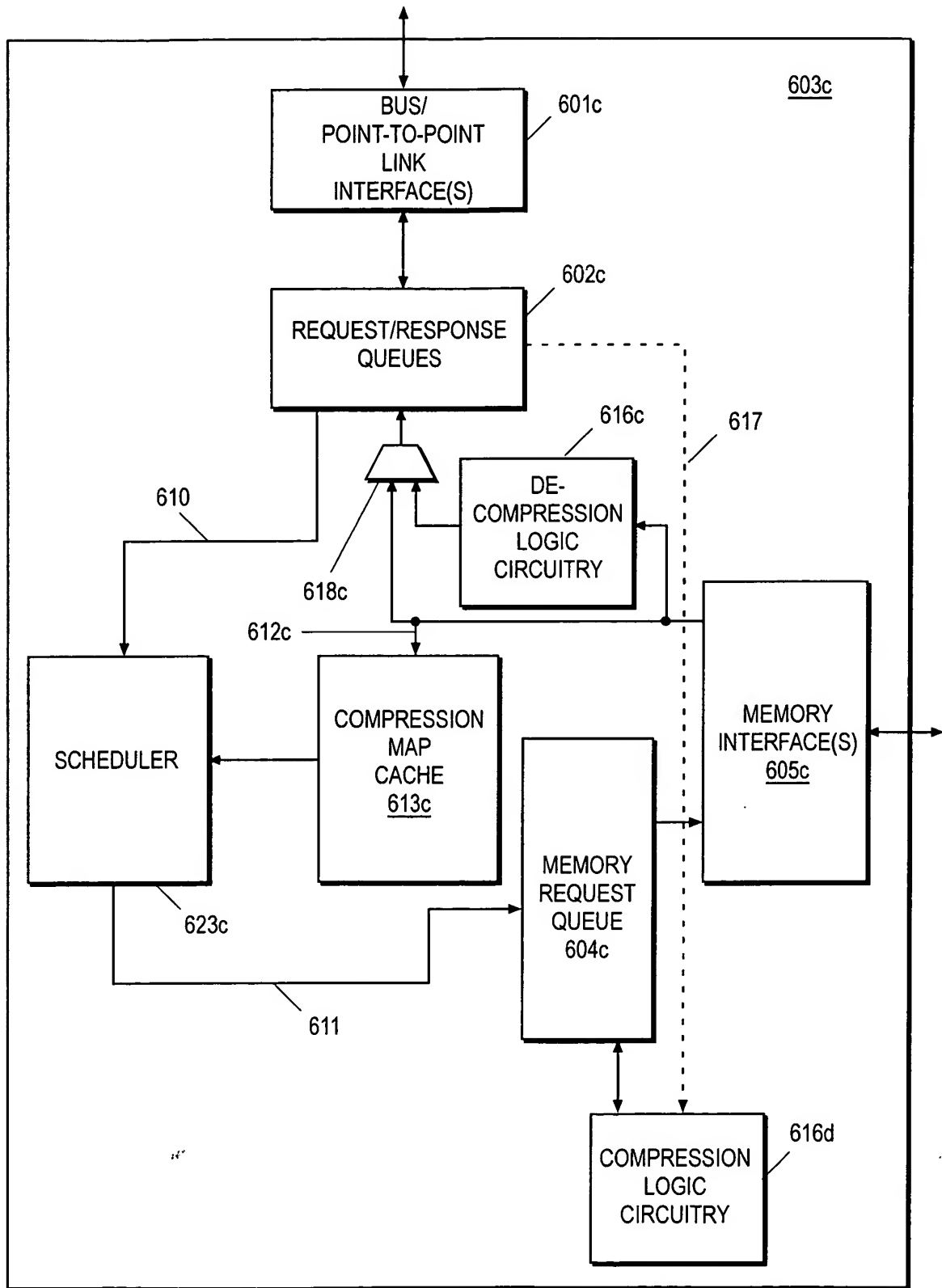


FIG. 6C

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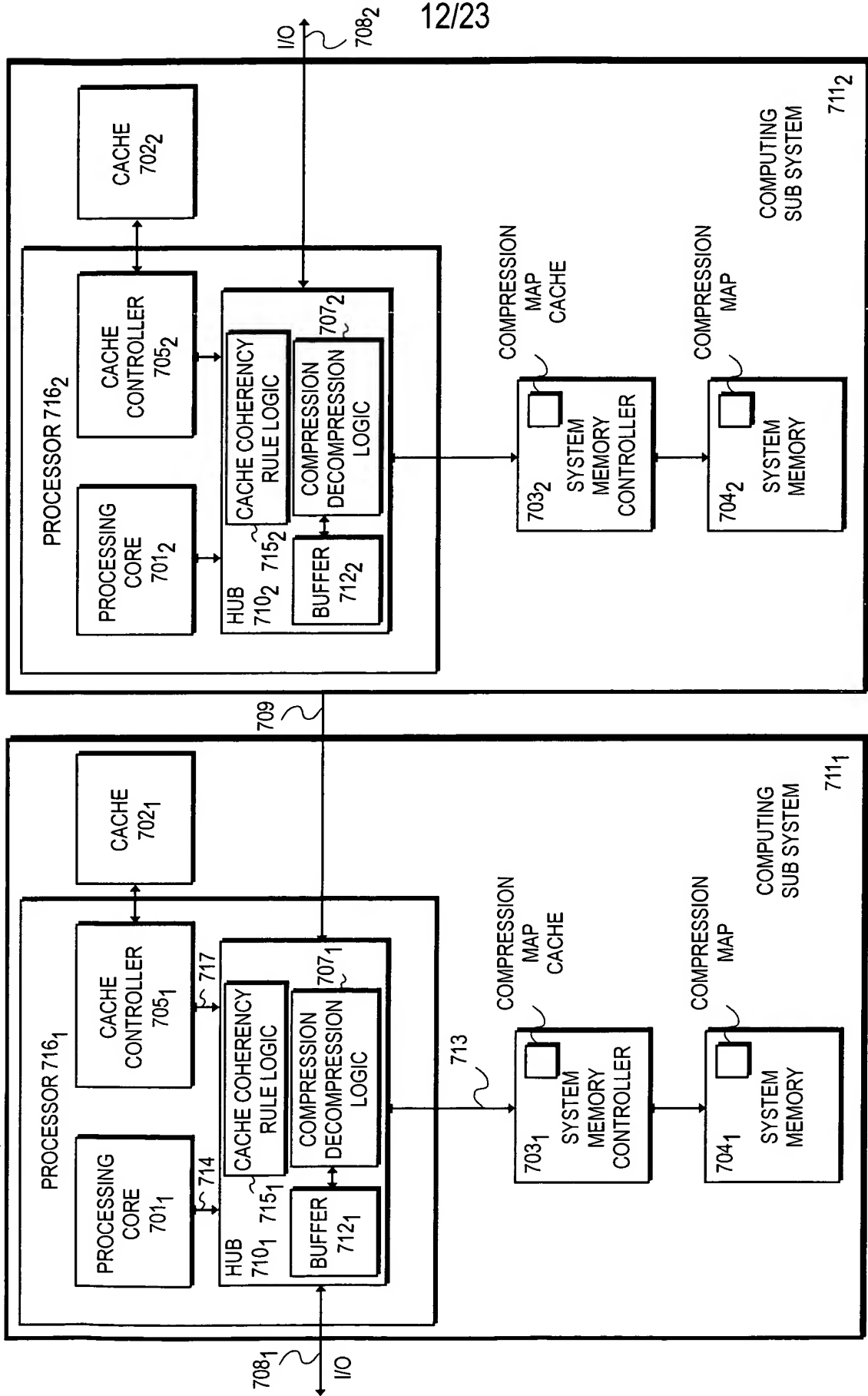


FIG. 7

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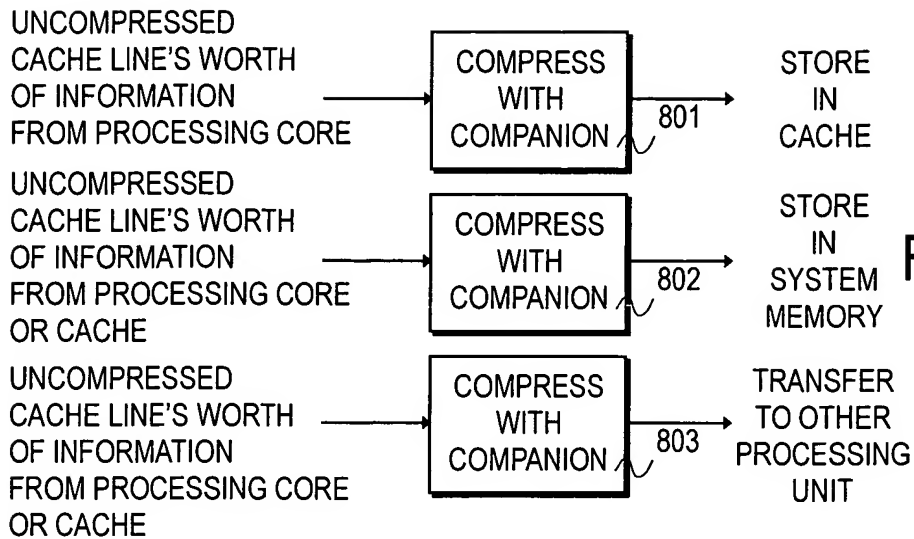


FIG. 8A

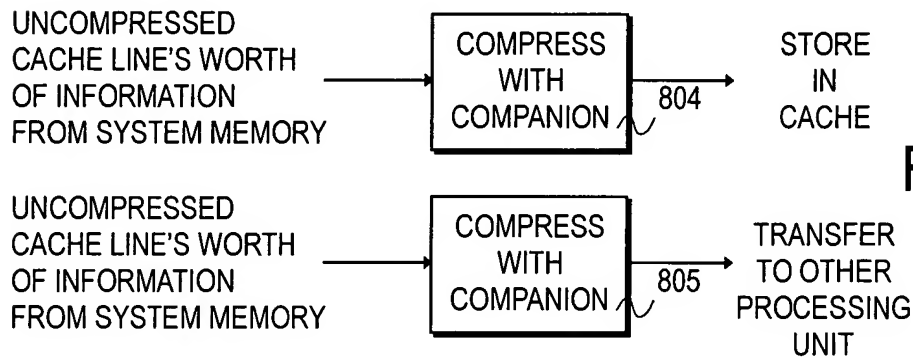


FIG. 8B

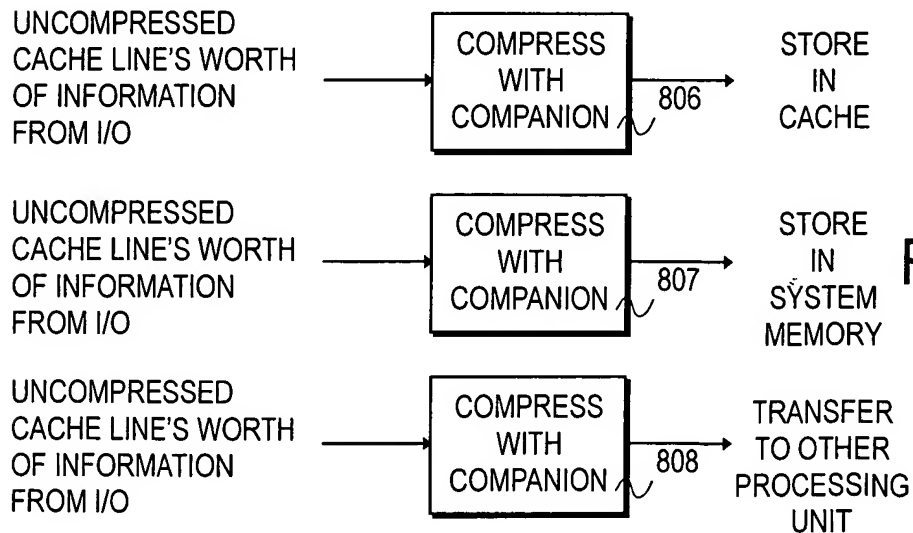


FIG. 8C

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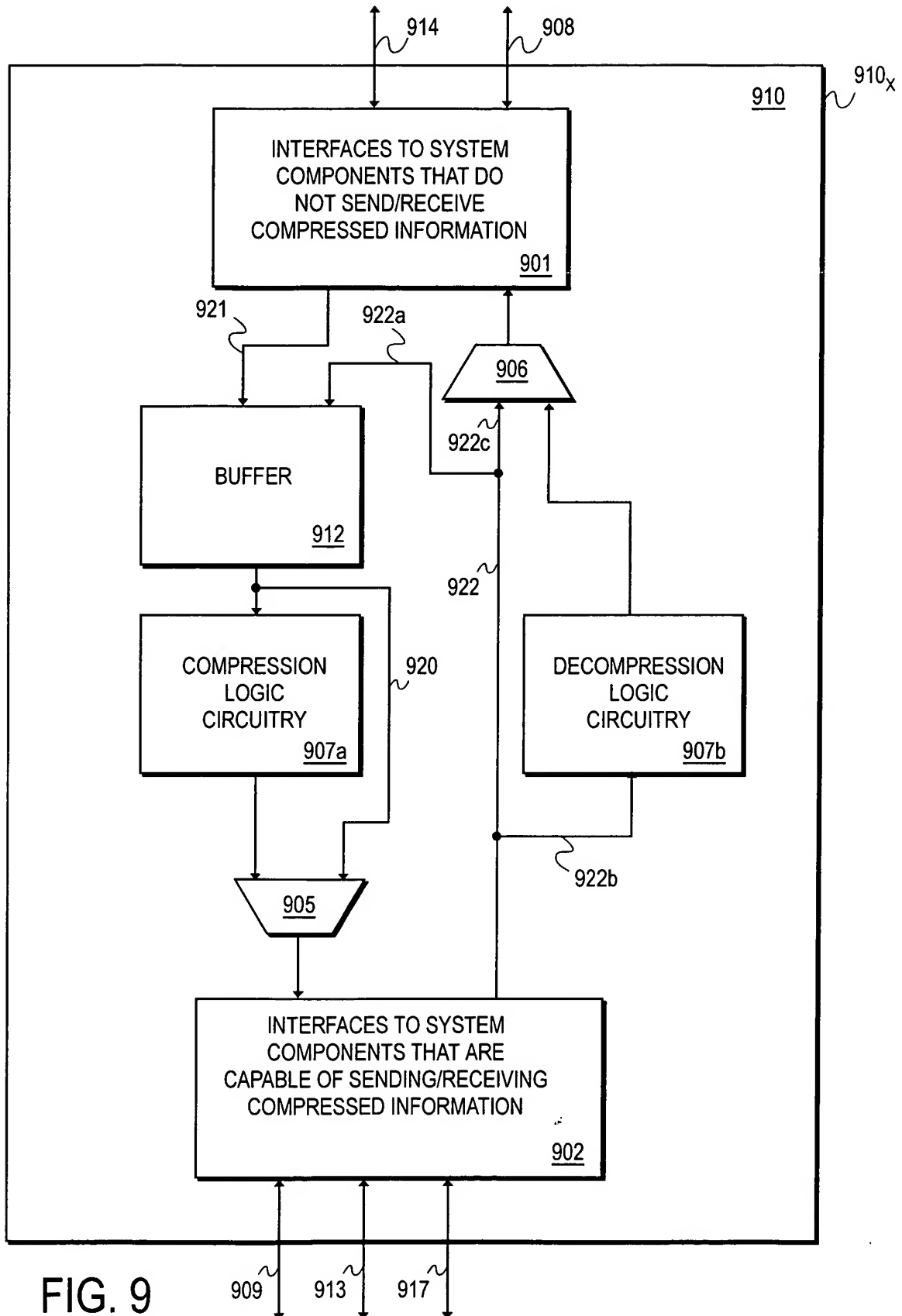


FIG. 9

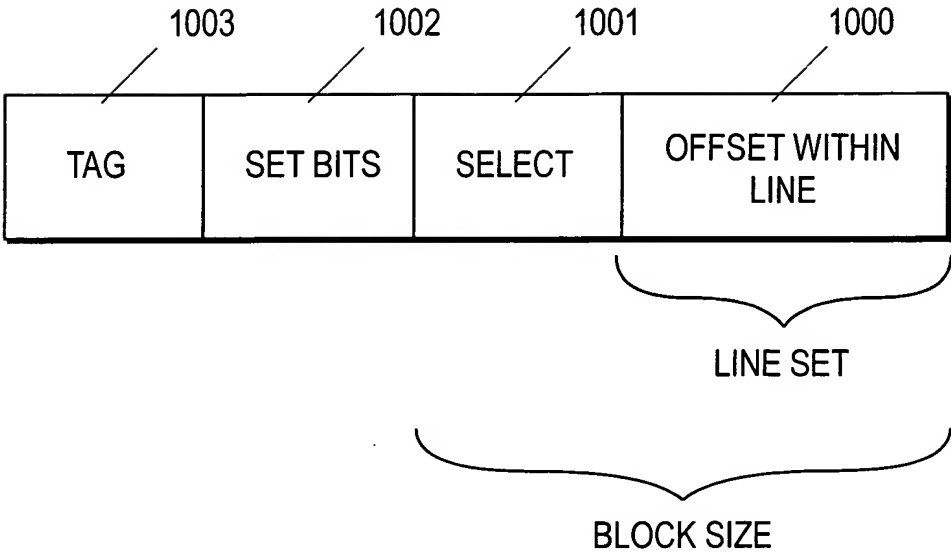


FIG. 10

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COMPRESSION MAINTAINED AFTER WRITE

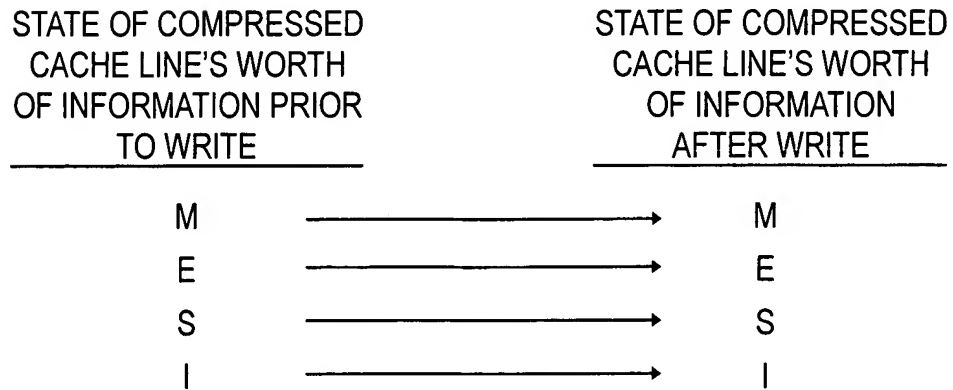


FIG. 11

COMPRESSION NOT MAINTAINED AFTER WRITE

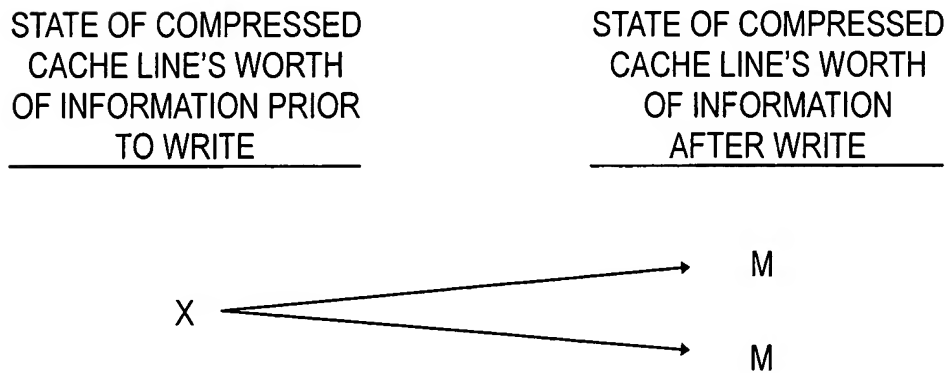
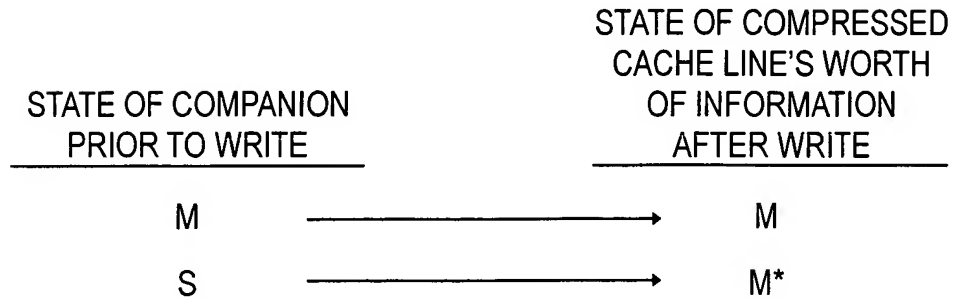


FIG. 12

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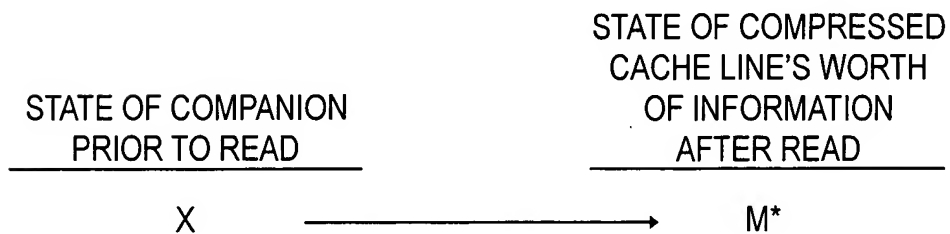
WRITE CAUSES CREATION OF COMPRESSED
CACHE LINE'S WORTH OF INFORMATION



* = IF RFO IS NOT ACHIEVED
DO NOT COMPRESS

FIG. 13

READ CAUSES CREATION OF COMPRESSED
CACHE LINE'S WORTH OF INFORMATION



* FOR X = M = IF RFO IS NOT ACHIEVED
DO NOT COMPRESS

FIG. 14

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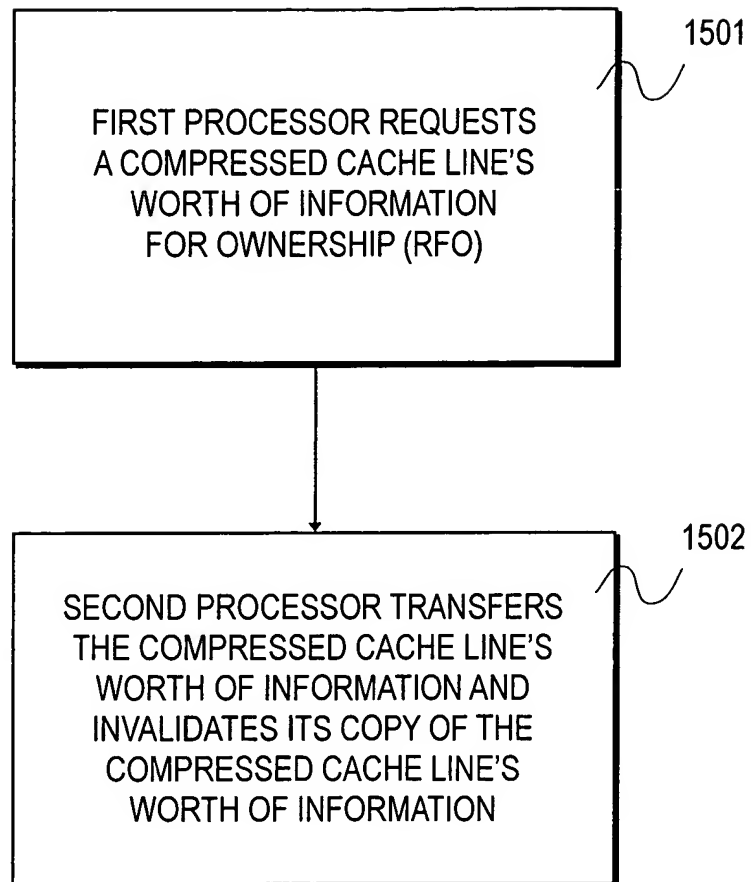


FIG. 15

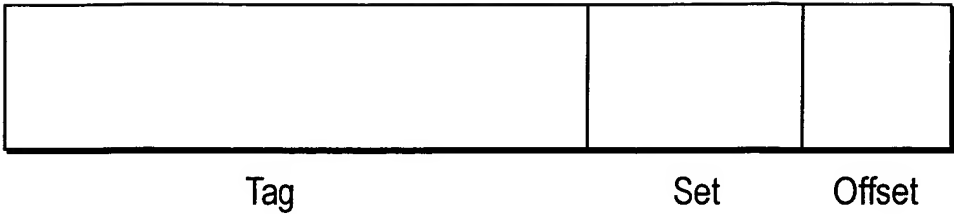


FIG. 16A
(Prior Art)

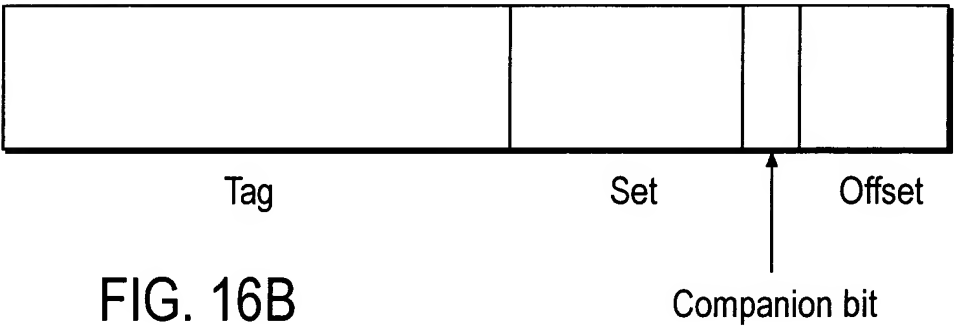


FIG. 16B

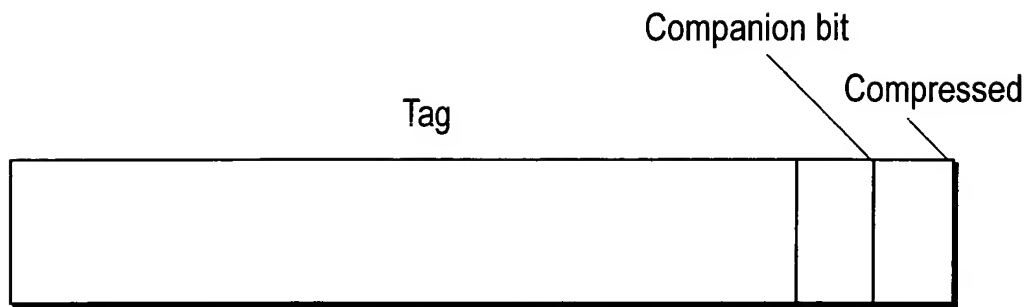


FIG. 17

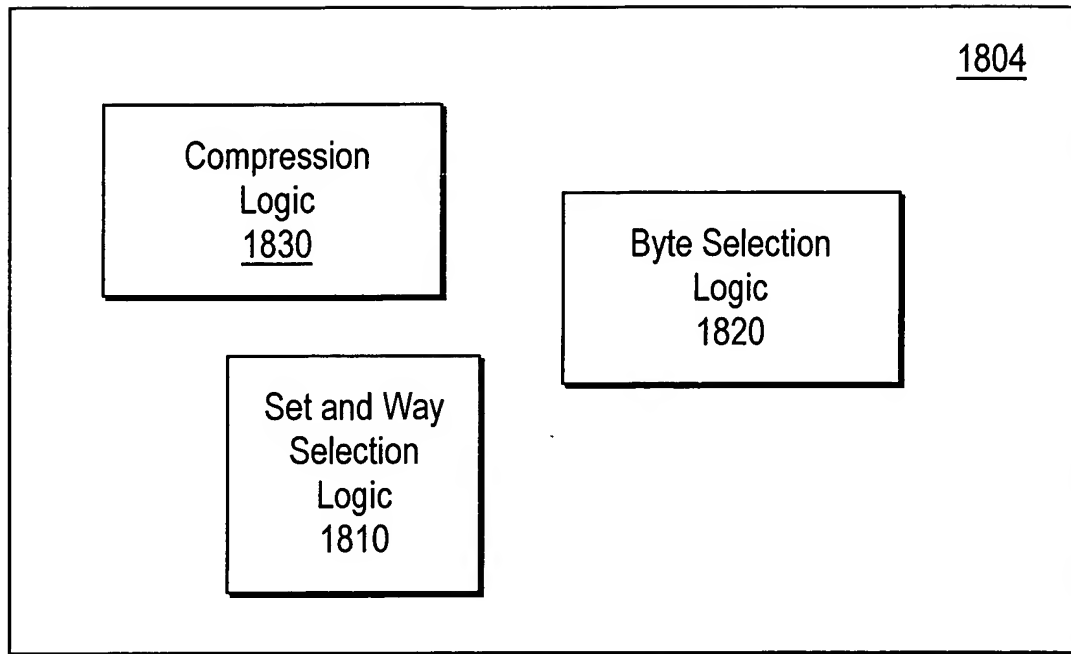


FIG. 18

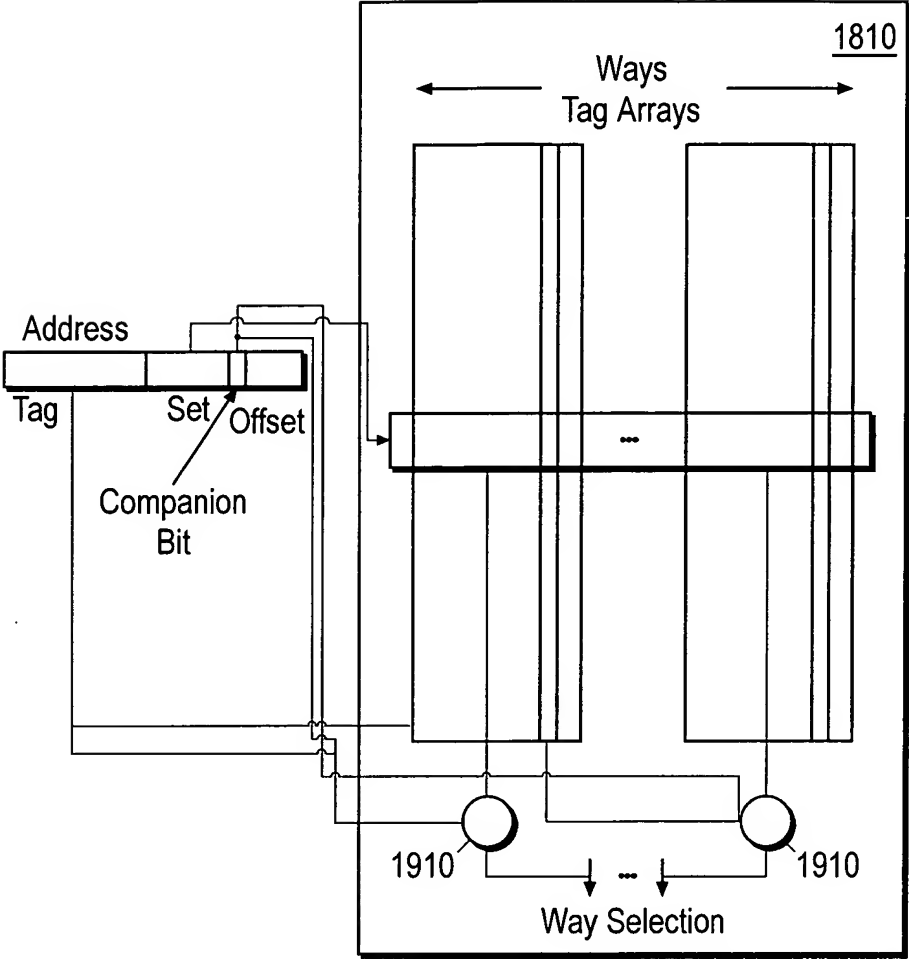


FIG. 19

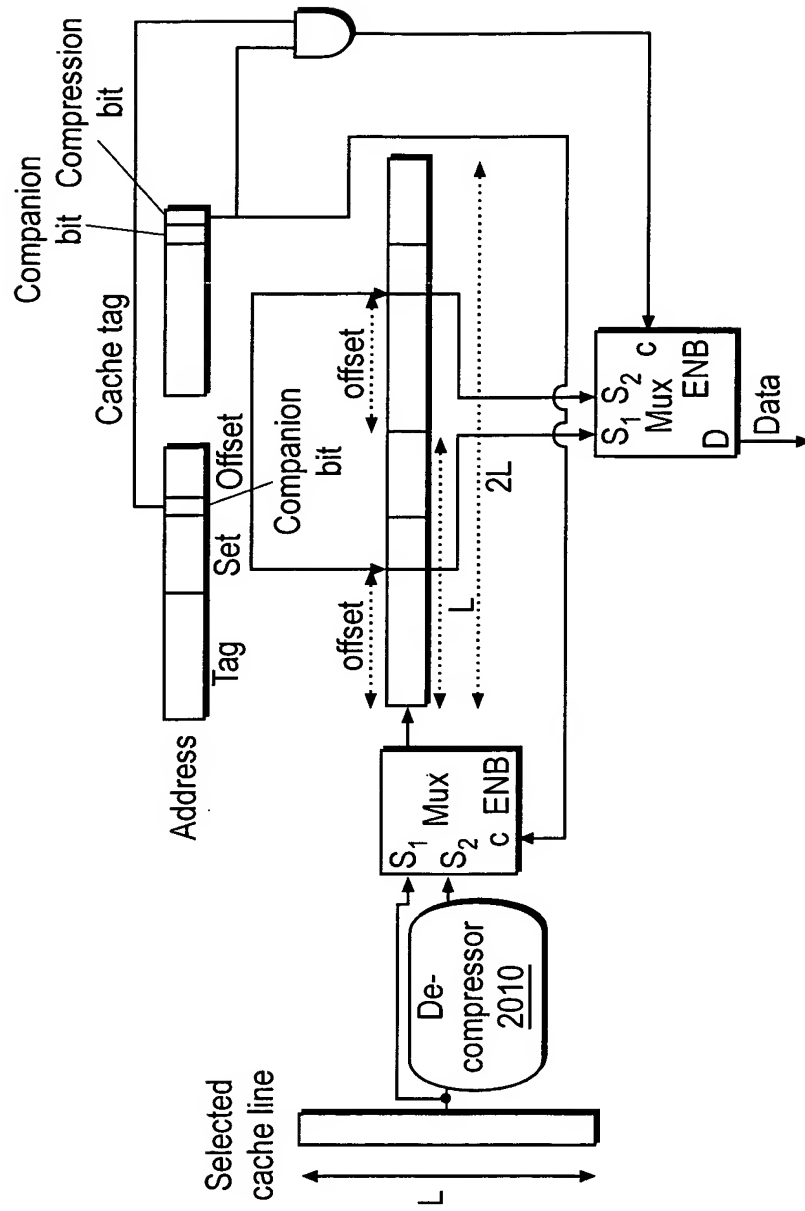


FIG. 20